

Form PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**LIST OF PRIOR ART
CITED BY APPLICANT**

Atty. Docket No.

8416ZYX

Serial No.

09/249,003

Applicant

Peter J. Wilson, et al.

Filing Date

February 12, 1999

Group

1652

U.S. PATENT DOCUMENTS

EXAMINE R INITIAL *		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
—	AA	4,837,197	6/6/89	Oshima, et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

r.r.	AP	Wilson, et al. (1990) "Hunter Syndrome: Isolation of an Iduronate-2-Sulfatase cDNA and Analysis of Patient DNA." <i>Proc. Natl. Acad. Sci. USA</i> 87:8531-8535.
r.r.	AQ	Bielicki, et al. (1993) "Recombinant Human Iduronate-2-Sulphatase: Correction of Mucopolysaccharidosis - Type II Fibroblasts and Characterization of The Purified Enzyme." <i>Biochem. J.</i> 289:241-246.
z.z.	AR	Bielicki, et al. (1990) "Human liver iduronate -2-sulphatase." <i>Biochem J.</i> 271:75-86.
—	AS	Nelson, et al. (1989) "Cystic fibrosis: prenatal diagnosis and carrier detection by DNA analysis." <i>Med. J. Aust.</i> 151:126-131.
r.r.	AT	Stein, et al. (1989) "Cloning and Expression of Human Arylsulfatase A." <i>J. Biol. Chem.</i> 264(2):1252-1259.

EXAMINER

P. J. Wilson

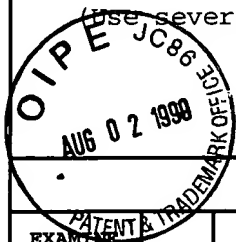
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R.R.	AP	Peters, et al. (1990) "Phylogenetic Conservation of Arylsulfatases." <i>J. Biol. Chem.</i> 265(6):3374-3381.
R.R.	AQ	Yen, et al. (1988) "The Human X-Linked Steroid Sulfatase Gene a Y-Encoded Pseudogene: Evidence for an Inversion of the Y Chromosome during Primate Evolution." <i>Cell</i> 55:1123-1135.
R.R.	AR	Robertson, et al. (1988) "Human Glucosamine-6-sulfatase cDNA Reveals Homology with Steroid Sulfatase." <i>Biochem. Biophys. Res. Commun.</i> 157(1):218-224.
R.R.	AS	Yen, et al. (1987) "Cloning and Expression of Steroid Sulfatase cDNA and the Frequent Occurrence of Deletions in STS Deficiency: Implications for X-Y Interchange." <i>Cell</i> 49:443-454
R.R.	AT	Stein, et al. (1989) "Cloning and Expression of Human Steroid-sulfatase." <i>J. Biol. Chem.</i> 264(23):13865-13872.

EXAMINER

R. R. Bishop

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r.e.	AP	Sasaki, et al. (1988) "cDNA cloning, nucleotide sequence and expression of the gene for arylsulfatase in the sea urchin (<i>Hemicentrous pulcherrimus</i>) embryo." <i>Eur. J. Biochem.</i> 177:9-13.
r.e.	AQ	Anson, et al. (1992) "Correction of human mucopolysaccharidosis type VI fibroblasts with recombinant N-acetylgalactosamine-4-sulphatase." <i>Biochem J.</i> 284:289-794.
r.e.	AR	Darnell, et al. (1986) <i>Molecular Cell Biology</i> , Scientific American Books, New York, NY:957-964.
r.e.	AS	Ferrara, et al. (1987) <i>FEBS Letters</i> 226:47-52.
r.e.	AT	Kodama, et al. (1992) <i>Glycobiology</i> 2:419-427.

EXAMINER

N. Pongshy

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	AP	Niwa, et al. (1991) Gene 100:193-200.					
	AQ	Gottesman (1987) Meth. Enzymol. 151:3-8.					
	AR	Allen, et al. (1990) Meth. Enzymol. 185:421-441.					
	AS						
	AT						
EXAMINER <i>R. P. Honshy</i>				DATE CONSIDERED <i>12/29/99</i>			
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